

CTL INTERPRETATION SHEET

Standard: IEC 60950 Ed. 2	Clause: 4.3.17	Sheet n. 290 Page 1(1)
Subject: Miss-mating of connectors	Key words: <ul style="list-style-type: none">- Modular connector- Miss-mating	Decision n. 23/36 taken at 36th meeting/1999
<p>Question: It is very common to use modular connectors (e.g. RJ-11, RJ-12, RJ-45), accessible to the users, for a variety of transmission functions, both telecommunication and data. Unfortunately, RJ-11 modular connectors easily mate with other configurations of modular connectors: RJ-12, RJ-45. This sub-clause permits marking only for connectors accessible to Service Personnel and, on the other hand, relying on configuration as a means of preventing miss-mating is unrealistic. How shall these connectors be tested?.</p> <p>Decision: If there is a possibility of miss-mating of modular connectors (e.g. RJ-11, RJ-12 etc.) accessible for the user, tests have to be made to verify that the SELV limits remain. If the voltage of the TNV-circuit is known this value is used, otherwise the test generator of 6.2.1.3 (Figure 15A) is used for testing. (See also OSM-EE Decision 98/6)</p> <p>Explanatory notes: All CTL-Experts agreed to use the OSM Decision 98/6 to this Item</p>		